



June 1, 1990

Mr. Robert E. Swale, RPM
Mail Code 5HS-11
U.S. EPA, Region V
230 South Dearborn
Chicago, Illinois 60604

RE: Water Supply Sampling Locations
ACS Phase II RI/FS
Griffith, Indiana
Project # 60251

Dear Mr. Swale:

The approved Work Plan for the ACS Remedial Investigation indicates that up to ten water supply wells will be sampled during Phase II of the investigation. The plan includes collecting one upgradient sample, at least one sample from the houses along Reder Road (whether or not they are downgradient) and up to eight samples from other wells downgradient of the site.

Water level measurements from the lower aquifer monitoring wells, installed in March, indicate that groundwater flow in the lower aquifer is to the Northwest from the site. Warzyn has obtained water well records and logs for all wells in one-mile radius of the site from the Indiana Department of Natural Resources and has plotted them on a topographic map. In addition, during April 1990, Warzyn conducted a door-to-door survey along Main Street in Griffith which runs west to east to the north of the site. The purpose was to verify the locations of wells discovered in DNR records and to identify any additional water supply wells.

Warzyn has identified six water supply wells within one mile of the site which it will be appropriate to sample. These include one upgradient well, three downgradient wells, and two wells along Reder Road to the East of the Griffith landfill. The addresses are listed below and plotted on the attached map. The available well logs are attached.



<u>DNR Log</u> <u>Number</u>	<u>Location</u>	<u>Address</u>
36	Upgradient	1009 S. Wood
3	Downgradient	at Keen Foundry
4	Downgradient	at Keen Foundry
8	Downgradient	at Ridge Park
40	East of Landfill	1033 Reder Road
46	East of Landfill	1043 Reder Road

Judging by our current progress with other site activities, I anticipate that we will be ready to collect the samples during the week of June 11, 1990. Paul Courtney, IDEM, has indicated that he would like to have a representative present during the sampling activities. I would appreciate it if you would review these sampling locations and give us approval to proceed by Thursday, June 7, 1990. I will need written notification for any change of locations.

Please do not hesitate to call me at 708/691-5058 if you have any questions.

Respectfully Submitted,

WARZYN ENGINEERING INC.

Peter J. Vagt, Ph.D.
Project Coordinator

Enclosure

cc: A. Perellis, PRPs
Paul Courtney, IDEM

V251L32PJV/GEP

Keen Family

TWP.

LARGE

4

4

SEC

2

Subdivision Name

Fl W of EL

Ground Elevation

Ft N of SL

Depth to bedrock.

F1 E of WL.

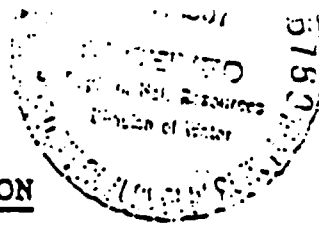
Bedrock elevation

FLS of NL.

Aquifer elevation.

Lot Number[illegible]

WATER WELL RECORD



4
*

INFORMATION ON WELL LOCATION

County in which well was drilled: LAFAYETTE Civil Township: _____

Congressional township: _____ Range: _____ Number of section: _____

(Fill in as completely as possible)

Describe in your own words the well location with respect to nearby towns, roads, streets

or distinctive landmarks: GRIFFITH, IND.

Name of owner: KEEN FOUNDRY Address: GRIFFITH, IND.

Name of Well Drilling Contractor: SHERHY WELL & PUMP CO.

Address: RR 2 BOX 1 CROWN LAKE, IND.

Name of Drilling Equipment Operator: DOUG SHERRY

INFORMATION ON THE WELL

Completed depth of well: 81 ft. Date well was completed: JUNE 28 1967

Diameter of outside casing or drive pipe: 8" Length: 81'

Diameter of inside casing or liner: 4" Length: 76'

Diameter of Screen: 8" Length: 29' Slot size: 0018

Type of Well: Drilled ☐ Gravel Pack ☒ Driven ☐ Other _____

Use of Well: For home ☐ For industry ☒ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☐ Rotary ☒ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 15' ft.

Bailer Test: Hours tested 2 Rate 1.0 g.p.m. Drawdown 15 ft. (Difference between

Pumping Test: Hours tested 4 Rate 125 g.p.m. Drawdown 58 ft. static level and water level at end of test)

Signature Frank Sherry, Jr.

Date JUNE 28 1967

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

(Well Driller does not fill out)

INTY:

TWP. 2 - LARGE.

Sec. 2

10 Hls

Shelbourn 72

Loc. accepted w/o verification

Yes — No

1 log classified

By 2747

Date _____

Ground elevation

FEW OF EL

House Located

—

DALC

Depict to Destroy

מבין

Id located

By _____

Date

Bedrock elevation

THE FOT

ced in master well log file

Date _____

Aquifer elevation

FIGS OF ML

[illegible]

REMARKS:

INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation.

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING

INDIANAPOLIS, INDIANA 46204
Telephone 633-5267 Area Code 317

WATER WELL RECORD

W W R S

WELL LOCATION

(Fill in completely - Refer to instruction sheet)

County in which well was drilled Lake County Civil Township Calumet Twp
Driving directions to the well location: Include County Road Names, Numbers, Subdivision Name, lot number, distinctive landmarks, etc.

NAME OF WELL OWNER and/or BUILDING CONTRACTOR

Well Owner Gene Altobelli Address 1009 S. Wood Street - Highland, Ind.
Building Contractor Arthur Hegedus Address _____

Name of Well Drilling Contractor: J. Farmer & Son Well & Pump Service
Address 9703 Kennedy Ave - Highland, Indiana 46322
Name of Drilling Equipment Operator: Donald Farmer

WELL INFORMATION

Depth of well: 53 ft Date well was completed: June 5-1973
Diameter of casing or drive pipe: 3" Total Length: 48'
Diameter of liner (if used): _____ Total Length: _____
Diameter of Screen: 1 1/2" Length: 5 ft. Slot Size: .006
Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other _____
Use of Well: For Home ☒ For Industry ☐ For Public Supply ☐ Stock ☐
Method of Drilling: Cable Tools ☐ Rotary ☐ Rev. Rotary ☐ Jet ☒ Bucket Rig ☐
Static water level in completed well (Distance from ground to water level) _____ feet
Bailer Test: Hours Tested 2 Rate 12 g.p.m. Drawdown 0 ft.
Pumping Test: Hours Tested 2 Rate 10 g.p.m. Drawdown 0 ft.

(Drawdown is the difference between static level and water level at end of test)

Signature

Arlene J. Engliardi - Secy.

Date

July 19-1973

(Well driller does not fill out)

L. L. C.

35 RGE

9 W

NW

 $\frac{1}{2} \text{ NW}$ $\frac{1}{4} \Delta$

SEC.

Subdivision Name

Siobhán 28

2650

Ft W of EL

Ground Elevation 638

By

Date _____

Fi N of SL

Depth to bedrock:

Date**Ft E of WL**

Bedrock elevation

Location accepted w/o verification by

150

Left S of NL.

Aquifer elevation

Lot Number 5

FORMATIONS (Color, type of material, hardness, etc.)

To

From

Doi

2

Subscribed

2	21
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Base Cost

38

David

46

Picas Lund

46	53
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